

Title (en)  
FLAME RESISTANT FLEXIBLE POLYURETHANE FOAM

Title (de)  
FLAMMHEMMENDER FLEXIBLER POLYURETHANSCHAUM

Title (fr)  
MOUSSE DE POLYURÉTHANE SOUPLE RÉSISTANTE À LA FLAMME

Publication  
**EP 3024864 B1 20191030 (EN)**

Application  
**EP 14748418 A 20140722**

Priority

- US 201361858329 P 20130725
- US 2014047522 W 20140722

Abstract (en)  
[origin: WO2015013226A1] A method of forming a flame resistant flexible polyurethane foam that has a V- 0 rating, according to Underwriters Laboratories Standard 94 Flammability Test, includes forming a reaction mixture that has an isocyanate component and an isocyanate-reactive component, and the isocyanate-reactive component includes a polyol component. The isocyanate component includes at least 30 wt% of a biuret modified aromatic diisocyanate, based on a total weight of the isocyanate component, and an isocyanate index of the reaction mixture is less than 100. The polyol component includes at least 5 wt% of a filled polyether polyol and at least 65 wt% of one or more other polyols that are different from the filled polyether polyol, based on a total weight of the isocyanate-reactive component.

IPC 8 full level  
**C08G 18/08** (2006.01); **C08G 18/40** (2006.01); **C08G 18/63** (2006.01); **C08G 18/78** (2006.01)

CPC (source: EP US)  
**C08G 18/0876** (2013.01 - EP US); **C08G 18/4072** (2013.01 - EP US); **C08G 18/409** (2013.01 - EP US); **C08G 18/485** (2013.01 - US); **C08G 18/632** (2013.01 - EP US); **C08G 18/7831** (2013.01 - EP US); **C08G 18/78** (2013.01 - US); **C08G 18/7806** (2013.01 - US); **C08G 18/7812** (2013.01 - US); **C08G 2110/0008** (2021.01 - EP US); **C08G 2110/0058** (2021.01 - EP US); **C08G 2110/0083** (2021.01 - EP US)

Cited by  
US11594773B2; EP3753056B1; EP3855561B1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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DOCDB simple family (application)  
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